

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019577.D
 Acq On : 17 Sep 2024 11:53
 Operator : SY/MD
 Sample : VY0917SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0917SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

09/18/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 18 01:31:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	387905	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	672150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	571439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	266293	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	198349	55.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.440%	
35) Dibromofluoromethane	7.634	113	198768	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.109	98	732629	51.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.408	95	261977	48.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	54859	23.723	ug/l	98
3) Chloromethane	2.074	50	67937	21.168	ug/l	99
4) Vinyl Chloride	2.208	62	79527	22.916	ug/l	96
5) Bromomethane	2.598	94	54725	25.672	ug/l	92
6) Chloroethane	2.739	64	52681	23.221	ug/l	98
7) Trichlorofluoromethane	3.062	101	127283	22.003	ug/l	95
8) Diethyl Ether	3.458	74	39365	20.272	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	77111	21.548	ug/l	97
10) Methyl Iodide	4.007	142	81402	17.742	ug/l	92
11) Tert butyl alcohol	4.866	59	45231	155.928	ug/l #	95
12) 1,1-Dichloroethene	3.793	96	68455	19.891	ug/l	86
13) Acrolein	3.659	56	19246	130.999	ug/l	94
14) Allyl chloride	4.378	41	119359	19.339	ug/l #	92
15) Acrylonitrile	5.061	53	85694	102.348	ug/l	98
16) Acetone	3.872	43	101966	119.158	ug/l #	85
17) Carbon Disulfide	4.104	76	167513	18.015	ug/l	97
18) Methyl Acetate	4.391	43	39181	16.872	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	202565	20.782	ug/l	97
20) Methylene Chloride	4.616	84	81771	20.953	ug/l #	84
21) trans-1,2-Dichloroethene	5.110	96	76412	20.256	ug/l	93
22) Diisopropyl ether	6.012	45	261779	20.655	ug/l	89
23) Vinyl Acetate	5.957	43	755358	104.343	ug/l	94
24) 1,1-Dichloroethane	5.915	63	149155	20.973	ug/l	96
25) 2-Butanone	6.890	43	137881	113.291	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	148291	23.116	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	94847	20.699	ug/l	85
28) Bromochloromethane	7.250	49	56836	18.994	ug/l	87
29) Tetrahydrofuran	7.262	42	73721	99.625	ug/l	87
30) Chloroform	7.415	83	157687	21.720	ug/l	98
31) Cyclohexane	7.701	56	126156	19.625	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	140708	21.623	ug/l	97
36) 1,1-Dichloropropene	7.835	75	105266	20.300	ug/l	97
37) Ethyl Acetate	6.982	43	53724	20.220	ug/l	98
38) Carbon Tetrachloride	7.817	117	122121	20.883	ug/l	96
39) Methylcyclohexane	9.109	83	136447	19.772	ug/l	91
40) Benzene	8.079	78	324809	20.336	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	27094	17.493	ug/l	93
42) 1,2-Dichloroethane	8.158	62	92066	21.421	ug/l	96
43) Isopropyl Acetate	8.195	43	110605	19.814	ug/l	90
44) Trichloroethene	8.865	130	82119	19.992	ug/l	98
45) 1,2-Dichloropropane	9.140	63	78443	20.089	ug/l	100
46) Dibromomethane	9.231	93	43443	20.345	ug/l	95
47) Bromodichloromethane	9.426	83	120755	21.038	ug/l	98
48) Methyl methacrylate	9.225	41	50616	19.201	ug/l #	85
49) 1,4-Dioxane	9.231	88	10944	435.367	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	281440	100.217	ug/l	91
52) Toluene	10.170	92	210472	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	107747	19.692	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	126582	19.868	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	61081	20.714	ug/l	98
56) Ethyl methacrylate	10.444	69	86446	19.299	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	103466	20.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	196147	94.346	ug/l	98
59) 2-Hexanone	10.761	43	207317	100.695	ug/l	89
60) Dibromochloromethane	10.914	129	80051	20.522	ug/l	99
61) 1,2-Dibromoethane	11.018	107	55023	20.026	ug/l	100
64) Tetrachloroethene	10.652	164	70860	20.025	ug/l	95
65) Chlorobenzene	11.444	112	231221	20.570	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	79563	20.443	ug/l	98
67) Ethyl Benzene	11.517	91	415275	20.792	ug/l	99
68) m/p-Xylenes	11.627	106	311204	41.208	ug/l	94
69) o-Xylene	11.956	106	149563	20.250	ug/l	95
70) Styrene	11.969	104	248637	19.939	ug/l	96
71) Bromoform	12.133	173	42581	19.156	ug/l #	98
73) Isopropylbenzene	12.255	105	401832	20.800	ug/l	100
74) N-amyl acetate	12.072	43	99097	18.861	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	70636	20.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	53502m	21.436	ug/l	
77) Bromobenzene	12.536	156	86752	20.247	ug/l	91
78) n-propylbenzene	12.597	91	484376	21.154	ug/l	99
79) 2-Chlorotoluene	12.682	91	275809	20.669	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	327451	20.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24207	18.618	ug/l	90
82) 4-Chlorotoluene	12.779	91	280148	20.421	ug/l	97
83) tert-Butylbenzene	12.999	119	302001	21.241	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	323581	20.814	ug/l	98
85) sec-Butylbenzene	13.176	105	442231	21.411	ug/l	99
86) p-Isopropyltoluene	13.292	119	362675	21.461	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	171065	20.547	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	170370	20.620	ug/l	97
89) n-Butylbenzene	13.621	91	347147	21.488	ug/l	98
90) Hexachloroethane	13.883	117	74054	21.061	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	153164	20.616	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10929	19.124	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	83636	18.509	ug/l	97
94) Hexachlorobutadiene	15.023	225	48135	19.940	ug/l	98
95) Naphthalene	15.145	128	157403	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70161	18.153	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

